Sadanandan E Velu

List of Publications by Year
in descending order

63	1,539	257357	360920
papers	citations	24 h-index	35 g-index

66	66	66	2025
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SF3B1 homeostasis is critical for survival and therapeutic response in T cell leukemia. Science Advances, 2022, 8, eabj8357.	4.7	16
2	Nonsense-mediated decay controls the reactivation of the oncogenic herpesviruses EBV and KSHV. PLoS Biology, 2021, 19, e3001097.	2.6	12
3	Prognostic and therapeutic value of the Hippo pathway, RABL6A, and p53-MDM2 axes in sarcomas. Oncotarget, 2021, 12, 740-755.	0.8	7
4	Pharmacological and nutritional targeting of voltage-gated sodium channels in the treatment of cancers. IScience, 2021, 24, 102270.	1.9	23
5	Identification of TrkB Binders from Complex Matrices Using a Magnetic Drug Screening Nanoplatform. ACS Applied Bio Materials, 2021, 4, 6244-6255.	2.3	5
6	Discovery of Potent Inhibitors of Streptococcus mutans Biofilm with Antivirulence Activity. ACS Medicinal Chemistry Letters, 2021, 12, 48-55.	1.3	10
7	Synthetic Makaluvamine Analogs Decrease c-Kit Expression and Are Cytotoxic to Neuroendocrine Tumor Cells. Molecules, 2020, 25, 4940.	1.7	3
8	A Novel Marine Natural Product Derived Pyrroloiminoquinone with Potent Activity against Skin Cancer Cells. Marine Drugs, 2019, 17, 443.	2.2	9
9	MDM2-NFAT1 dual inhibitor, MA242: Effective against hepatocellular carcinoma, independent of p53. Cancer Letters, 2019, 459, 156-167.	3.2	36
10	Discovery and evaluation of nNav1.5 sodium channel blockers with potent cell invasion inhibitory activity in breast cancer cells. Bioorganic and Medicinal Chemistry, 2018, 26, 2428-2436.	1.4	40
11	An expedient synthesis of murrayaquinone A via a novel oxidative free radical reaction. Tetrahedron Letters, 2018, 59, 550-553.	0.7	1
12	Discovery and Characterization of Dual Inhibitors of MDM2 and NFAT1 for Pancreatic Cancer Therapy. Cancer Research, 2018, 78, 5656-5667.	0.4	42
13	Inhibition of Streptococcus mutans Biofilms by the Natural Stilbene Piceatannol Through the Inhibition of Glucosyltransferases. ACS Omega, 2018, 3, 8378-8385.	1.6	31
14	Biochemical and Epigenetic Insights into L-2-Hydroxyglutarate, a Potential Therapeutic Target in Renal Cancer. Clinical Cancer Research, 2018, 24, 6433-6446.	3.2	54
15	Highly efficient delivery of potent anticancer iminoquinone derivative by multilayer hydrogel cubes. Acta Biomaterialia, 2017, 58, 386-398.	4.1	37
16	Structure-Based Discovery of Small Molecule Inhibitors of Cariogenic Virulence. Scientific Reports, 2017, 7, 5974.	1.6	29
17	Cyanobacterial Metabolite Calothrixins: Recent Advances in Synthesis and Biological Evaluation. Marine Drugs, 2016, 14, 17.	2.2	39
18	Hydroxychalcone inhibitors of Streptococcus mutans glucosyl transferases and biofilms as potential anticaries agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3508-3513.	1.0	24

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19	Channel Gating Regulation by the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) First Cytosolic Loop. Journal of Biological Chemistry, 2016, 291, 1854-1865.	1.6	16
20	Mitochondrial thiol modification by a targeted electrophile inhibits metabolism in breast adenocarcinoma cells by inhibiting enzyme activity and protein levels. Redox Biology, 2016, 8, 136-148.	3.9	15
21	Discovery and development of synthetic tricyclic pyrroloquinone (TPQ) alkaloid analogs for human cancer therapy. Frontiers of Chemical Science and Engineering, 2016, 10, 1-15.	2.3	15
22	Toll-like receptor 9 expression is associated with breast cancer sensitivity to the growth inhibitory effects of bisphosphonates in vitro and in vivo. Oncotarget, 2016, 7, 87373-87389.	0.8	11
23	Development and validation of an HPLC-MS/MS analytical method for quantitative analysis of TCBA-TPQ, a novel anticancer makaluvamine analog, and application in a pharmacokinetic study in rats. Chinese Journal of Natural Medicines, 2015, 13, 554-560.	0.7	2
24	Recent advances in isolation, synthesis, and evaluation of bioactivities of bispyrroloquinone alkaloids of marine origin. Chinese Journal of Natural Medicines, 2015, 13, 561-577.	0.7	12
25	New small-molecule inhibitors of dihydrofolate reductase inhibit Streptococcus mutans. International Journal of Antimicrobial Agents, 2015, 46, 174-182.	1.1	38
26	A Novel Class of Mitochondria-Targeted Soft Electrophiles Modifies Mitochondrial Proteins and Inhibits Mitochondrial Metabolism in Breast Cancer Cells through Redox Mechanisms. PLoS ONE, 2015, 10, e0120460.	1.1	11
27	Honokiol inhibits the growth of head and neck squamous cell carcinoma by targeting epidermal growth factor receptor. Oncotarget, 2015, 6, 21268-21282.	0.8	43
28	Antibacterial and Antibiofilm Activities of Makaluvamine Analogs. Microorganisms, 2014, 2, 128-139.	1.6	11
29	Total synthesis of calothrixins A and B via oxidative radical reaction of cyclohexenone with aminophenanthridinedione. Tetrahedron, 2014, 70, 5928-5933.	1.0	32
30	Total synthesis of zyzzyanones Aâ€“D. Tetrahedron, 2013, 69, 4105-4113.	1.0	15
31	Attenuation of Nonsense-Mediated mRNA Decay Enhances In Vivo Nonsense Suppression. PLoS ONE, 2013, 8, e60478.	1.1	89
32	Synthesis of Pyrroloquinones via a CAN Mediated Oxidative Free Radical Reaction of 1,3-Dicarbonyl Compounds with Aminoquinones. Journal of Chemistry, 2013, 2013, 1-12.	0.9	6
33	Identification of the ZAK-MKK4-JNK-TGFβ Signaling Pathway as a Molecular Target for Novel Synthetic Iminoquinone Anticancer Compound BA-TPQ. Current Cancer Drug Targets, 2013, 13, 651-660.	0.8	8
34	Mini-Review: Bmx Kinase Inhibitors for Cancer Therapy. Recent Patents on Anti-Cancer Drug Discovery, 2013, 8, 228-238.	0.8	24
35	Preclinical Evaluation of Anticancer Efficacy and Pharmacological Properties of FBA-TPQ, a Novel Synthetic Makaluvamine Analog. Marine Drugs, 2012, 10, 1138-1155.	2.2	21
36	Experimental Therapy of Ovarian Cancer with Synthetic Makaluvamine Analog: In Vitro and In Vivo Anticancer Activity and Molecular Mechanisms of Action. PLoS ONE, 2011, 6, e20729.	1.1	36

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37	Elevated levels of NO are localized to distal airways in asthma. Free Radical Biology and Medicine, 2011, 50, 1679-1688.	1.3	20
38	Development and validation of an HPLC method for quantitation of BAâ€TPQ, a novel iminoquinone anticancer agent, and an initial pharmacokinetic study in mice. Biomedical Chromatography, 2011, 25, 628-634.	0.8	7
39	Synthesis and structure activity relationship studies of novel Staphylococcus aureus Sortase A inhibitors. European Journal of Medicinal Chemistry, 2010, 45, 3752-3761.	2.6	23
40	Synthesis and characterization of potent inhibitors of Trypanosoma cruzi dihydrofolate reductase. Bioorganic and Medicinal Chemistry, 2010, 18, 4056-4066.	1.4	34
41	A novel synthetic iminoquinone, BA-TPQ, as an anti-breast cancer agent: in vitro and in vivo activity and mechanisms of action. Breast Cancer Research and Treatment, 2010, 123, 321-331.	1.1	37
42	FBA-TPQ, a novel marine-derived compound as experimental therapy for prostate cancer. Investigational New Drugs, 2010, 28, 234-241.	1.2	28
43	Preclinical Pharmacology of BA-TPQ, a Novel Synthetic Iminoquinone Anticancer Agent. Marine Drugs, 2010, 8, 2129-2141.	2.2	20
44	In vitro and In vivo Anticancer Activity of Novel Synthetic Makaluvamine Analogues. Clinical Cancer Research, 2009, 15, 3511-3518.	3.2	62
45	A facile synthesis of bispyrroloquinone and bispyrroloiminoquinone ring system of marine alkaloids. Tetrahedron Letters, 2009, 50, 3074-3076.	0.7	14
46	Synthesis and the Crystal Structure of (E)-2-(7-(3-(Thiophen-2-yl)acrylamido)-2,3-dihydro-5-oxobenzo[e][1,4]oxazepin-1(5H)-yl)ethyl acetate. Journal of Chemical Crystallography, 2009, 39, 902.	0.5	0
47	Synthesis and In Vitro Anti-Lung Cancer Activity of Novel 1, 3, 4, 8- Tetrahydropyrrolo [4, 3, 2-de]quinolin-8(1H)-o ne Alkaloid Analogs. Medicinal Chemistry, 2009, 5, 227-236.	0.7	25
48	Synthesis, Separation and Crystal Structures of E and Z Isomers of 3-(2,5-Dimethoxyphenyl)-2-(4-Methoxyphenyl)Acrylic Acid. Journal of Chemical Crystallography, 2008, 38, 189-194.	0.5	1
49	Synthesis of E Isomer and Crystal Structures of E and Z Isomers of 3-(2,5-Dimethoxyphenyl)-2-(4-methoxyphenyl)acrylonitrile. Journal of Chemical Crystallography, 2008, 38, 205-209.	0.5	2
50	Structureâ€based approach to pharmacophore identification, in silico screening, and threeâ€dimensional quantitative structureâ€“activity relationship studies for inhibitors of Trypanosoma cruzi dihydrofolate reductase function. Proteins: Structure, Function and Bioinformatics, 2008, 73, 889-901.	1.5	37
51	Synthesis and antiproliferative activity of benzyl and phenethyl analogs of makaluvamines. Bioorganic and Medicinal Chemistry, 2008, 16, 2541-2549.	1.4	30
52	Identification of novel inhibitors of bacterial surface enzyme Staphylococcus aureus Sortase A. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 380-385.	1.0	45
53	Azide-Mediated Detosylation of N-Tosylpyrroloiminoquinones and N-Tosylindole-4,7-quinones. Synlett, 2008, 2008, 2864-2868.	1.0	3
54	Antibacterial Nicotinamide Adenine Dinucleotide Synthetase Inhibitors:Â Amide- and Ether-Linked Tethered Dimers with Î±-Amino Acid End Groups. Journal of Medicinal Chemistry, 2007, 50, 2612-2621.	2.9	16

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55	Total Synthesis of Secobatzelline B. Synthetic Communications, 2007, 37, 2399-2409.	1.1	7
56	Analogs of the marine alkaloid makaluvamines: Synthesis, topoisomerase II inhibition, and anticancer activity. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2890-2893.	1.0	51
57	Tethered Dimer Inhibitors of NAD Synthetase:Â Parallel Synthesis of an Aryl-Substituted SAR Library. ACS Combinatorial Science, 2005, 7, 898-904.	3.3	14
58	Pyrrolidinobenzoic acid inhibitors of influenza virus neuraminidase: modifications of essential pyrrolidinone ring substituents. Bioorganic and Medicinal Chemistry, 2003, 11, 2739-2749.	1.4	28
59	Tethered Dimers as NAD Synthetase Inhibitors with Antibacterial Activity. Journal of Medicinal Chemistry, 2003, 46, 3371-3381.	2.9	24
60	Conjugate Addition Reactions of Î±-Aminoalkylcuprates with Î±,Î²-Alkenyl-, Î±,Î²-Alkynyl-, Î±,Î²â^'Î²,Î³-Allenyl-, and Î±,Î²â^'Î³,Î´-Dienyl Carboxylic Acid Derivatives, Nitriles, and Sulfoxides. Journal of Organic Chemistry, 2000, 65, 8715-8724.	1.7	36
61	Regioselective Control in the Reactions of Î±-Aminoalkylcuprates with Allylic Substrates. Synlett, 1997, 1997, 1114-1116.	1.0	12
62	(Î±-Aminoalkyl)cuprates Prepared from Soluble Copper(I) Salts:Â Conjugate Additions to Î±,Î²-Unsaturated Carboxylic Acid Derivatives. Journal of Organic Chemistry, 1997, 62, 3798-3799.	1.7	24
63	Oxidation of Î±,Î²-enones and alkenes with oxone and sodium halides: A convenient laboratory preparation of chlorine and bromine. Tetrahedron Letters, 1996, 37, 2377-2380.	0.7	116